

**SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

QUALIFIED PRODUCT POLICY
FOR
COLD APPLIED SEALANTS FOR BRIDGE JOINTS

A manufacturer may request to be included on the list by successfully demonstrating that his material meets the specification above, performs in applications in this state and other states **and will be used in SCDOT work**. Further, a manufacturer furnishes technical data sheets describing the material and its application. For each shipment, he furnishes a certification stating that the material furnished meets the South Carolina Department of Transportation specifications. The shipment containers are plainly marked with the manufacturer's name or trademark, the lot number, component type, and a clear date indicating shelf life expiration date.

For products to be eligible for use on federal-aid projects, a certification certifying compliance with SCDOT Supplemental Specification "Source of Production of Iron and Steel Products and Construction Materials" (Jan. 1, 2023) must be provided in addition to all other requirements. Certification may be submitted to the contact below requesting prequalification.

Cold applied bridge joint filler material shall be a polymeric elastomeric two component sealant recommended by the manufacturer for use in bridge joints and shall meet or exceed the requirements of ASTM C 920 for a multiple component self-leveling material.

Silicone Sealant. As an alternative to the above, the contractor has the option to use a self-leveling, cold applied, rapid cure, two-part, ultra low modulus, and 100 percent silicone rubber sealant. Material is packaged such that no pre-mixing or measuring is required. The sealant is capable of accommodating movements up to $\pm 1/2$ inch for bridge joints 1 to 3 inches wide.

Backer Rod. The backer rod is circular cross-section and consists of closed cell polyethylene foam. Generally it will be 1/8" greater diameter than the joint width.

All materials are installed in accordance with the manufacturer's instructions.

Requests to qualify a product should be submitted to:

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SCDOT Office of Materials & Research
(803) 737-6694
Email: guntercb@scdot.org